

Elotex AG
Pat 1320/9-98

München, December 14, 1998
Dr. H/fg

5

ABSTRACT

2040000-460000
10 The object of the invention is a redispersible material, particularly in powder form, which comprises a polymer containing silanol groups, the latter being provided with a protective group. The redispersible material can be in the form of a redispersible powder, an aqueous dispersion or an aqueous solution. The invention also makes available a process for the preparation of a redispersible material by reacting a silanol group-containing polymer with a compound having a protective function for the silanol groups, optionally with the
15 subsequent recovery of a redispersible, pulverulent material from the polymer provided with the protective groups. The invention also relates to the use of the redispersible material in adhesives, plastic-containing, cement-bound systems, plastic-bound, cement-free binders, wallpaper pastes, disperse dyes, glass fibre composite systems, etc.

20 The invention is characterized in that the silanol groups in a random polymer can be temporarily protected and consequently the reactivity of these groups cannot be blocked by undesired reactions. In addition, the latently present silanols can be released in planned manner in connection with the final applications.

25

* * *

ML
7-604